

MURATA High Frequency Ceramic Chip Capacitors



GJM SERIES: MULTILAYER, HIGH FREQUENCY, HIGH Q

RoHS Compliant This product is RoHS compliant.

GJM SERIES: The Murata GJM series is a high Q ultra small capacitor series for high frequency applications in the 500MHz to 10GHz range, suitable for VCO and PA Module applications. The GJM series of capacitors are made with copper electrodes for low ESR and low power consumption due to the high Q (low loss) performance. This series is offered in EIA sizes 0201 and 0402. They are RoHS compliant.

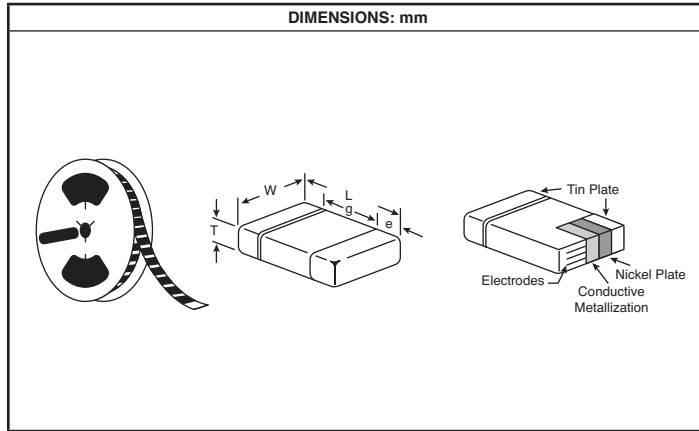


RoHS Compliant

Features:

- COG Dielectric
- Low ESR
- Operating Temperature: -55°C to +125°C

Part No.	L	W	T	e	g min.
GJM03	0.6 ±0.03	0.3 ±0.03	0.3 ±0.03	0.1 to 0.2	0.2
GJM15	1.0 ±0.05	0.5 ±0.05	0.5 ±0.05	0.15 to 0.3	0.4



Murata Ceramic Caps, SMD

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Murata Part No.	Value (pF)	Volt (DC)	Price Each		Reel Qty.	Price per Piece
				1	100		
0201 Case Size							
81-GJM0335C1ER20BB01	GJM0335C1ER20BB01D	0.2	25	.25	.126	15000	.03
81-GJM0335C1ER30BB01	GJM0335C1ER30BB01D	0.3	25	.25	.126	15000	.03
81-GJM0335C1ER40BB01	GJM0335C1ER40BB01D	0.4	25	.25	.126	15000	.03
81-GJM0335C1ER75BB01	GJM0335C1ER75BB01D	0.75	25	.25	.126	15000	.03
81-GJM0335C1E1R0BB01	GJM0335C1E1R0BB01D	1.0	25	.25	.126	15000	.03
81-GJM0335C1E1R1BB01	GJM0335C1E1R1BB01D	1.1	25	.25	.126	15000	.03
81-GJM0335C1E1R2BB01	GJM0335C1E1R2BB01D	1.2	25	.25	.126	15000	.03
81-GJM0335C1E1R3BB01	GJM0335C1E1R3BB01D	1.3	25	.25	.126	15000	.03
81-GJM0335C1E1R4CB1D	GJM0335C1E1R4CB01D	1.4	25	.10	.072	15000	.017
81-GJM0335C1E1R5BB01	GJM0335C1E1R5BB01D	1.5	25	.25	.126	15000	.03
81-GJM0335C1E1R5CB1D	GJM0335C1E1R5CB01D	1.5	25	.10	.072	15000	.017
81-GJM0335C1E1R6BB01	GJM0335C1E1R6BB01D	1.6	25	.25	.126	15000	.03
81-GJM0335C1E2R0BB01	GJM0335C1E2R0BB01D	2.0	25	.25	.126	15000	.03
81-GJM0335C1E2R2BB01	GJM0335C1E2R2BB01D	2.2	25	.25	.126	15000	.03
81-GJM0335C1E2R7BB01	GJM0335C1E2R7BB01D	2.7	25	.25	.126	15000	.03
81-GJM0335C1E3R0BB01	GJM0335C1E3R0BB01D	3.0	25	.25	.126	15000	.03
81-GJM0335C1E3R0CB1D	GJM0335C1E3R0CB01D	3.0	25	.10	.072	15000	.017
81-GJM0335C1E3R2BB01	GJM0335C1E3R2BB01D	3.2	25	.25	.126	15000	.03
81-GJM0335C1E3R3BB01	GJM0335C1E3R3BB01D	3.3	25	.25	.126	15000	.03
81-GJM0335C1E3R4BB1D	GJM0335C1E3R4BB01D	3.4	25	.25	.126	15000	.03
81-GJM0335C1E3R6BB01	GJM0335C1E3R6BB01D	3.6	25	.25	.126	15000	.03
81-GJM0335C1E3R8BB01	GJM0335C1E3R8BB01D	3.8	25	.25	.126	15000	.03
81-GJM0335C1E3R9BB01	GJM0335C1E3R9BB01D	3.9	25	.25	.126	15000	.03
81-GJM0335C1E4R3BB01	GJM0335C1E4R3BB01D	4.3	25	.25	.126	15000	.03
81-GJM0335C1E4R7BB01	GJM0335C1E4R7BB01D	4.7	25	.25	.126	15000	.03
81-GJM0335C1E5R1CB01	GJM0335C1E5R1CB01D	5.1	25	.10	.072	15000	.017
81-GJM0335C1E5R6CB01	GJM0335C1E5R6CB01D	5.6	25	.10	.072	15000	.017
81-GJM0335C1E6R0CB01	GJM0335C1E6R0CB01D	6.0	25	.10	.072	15000	.017
81-GJM0335C1E6R2CB01	GJM0335C1E6R2CB01D	6.2	25	.10	.072	15000	.017
81-GJM0335C1E6R2BB01	GJM0335C1E6R2BB01D	6.2	25	.25	.126	15000	.03
81-GJM0335C1E6R8CB01	GJM0335C1E6R8CB01D	6.8	25	.10	.072	15000	.017
81-GJM0335C0J220JB1D	GJM0335C0J220JB01D	22	6.3	.10	.072	15000	.017
81-GJM0335C0J270GB1D	GJM0335C0J270GB01D	27	6.3	.25	.126	15000	.03
81-GJM0335C0J270JB1D	GJM0335C0J270JB01D	27	6.3	.10	.072	15000	.017

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MOUSER STOCK NO.	Murata Part No.	Value (pF)	Volt (DC)	Price Each		Reel Qty.	Price per Piece
				1	100		
0402 Case Size (Cont.)							
81-GJM1555C1H1R5CB01	GJM1555C1H1R5CB01D	1.5	50	.10	.047	10000	.011
81-GJM1555C1H1R5BB1D	GJM1555C1H1R5BB01D	1.5	50	.19	.143	10000	.055
81-GJM1555C1H1R5WB1D	GJM1555C1H1R5WB01D	1.5	50	.30	.192	10000	.043
81-GJM1555C1H1R6BB01	GJM1555C1H1R6BB01D	1.6	50	.19	.143	10000	.055
81-GJM1555C1H1R6CB01	GJM1555C1H1R6CB01D	1.6	50	.10	.047	10000	.011
81-GJM1555C1H1R8BB01	GJM1555C1H1R8BB01D	1.8	50	.19	.143	10000	.055
81-GJM1555C1H1R8CB01	GJM1555C1H1R8CB01D	1.8	50	.10	.047	10000	.011
81-GJM1555C1H2R0BB01	GJM1555C1H2R0BB01D	2.0	50	.19	.143	10000	.055
81-GJM1555C1H2R2BB01	GJM1555C1H2R2BB01D	2.2	50	.19	.143	10000	.055
81-GJM1555C1H2R2CB01	GJM1555C1H2R2CB01D	2.2	50	.10	.047	10000	.011
81-GJM1555C1H2R4BB01	GJM1555C1H2R4BB01D	2.4	50	.19	.143	10000	.055
81-GJM1555C1H2R4CB01	GJM1555C1H2R4CB01D	2.4	50	.10	.047	10000	.011
81-GJM1555C1H2R7BB01	GJM1555C1H2R7BB01D	2.7	50	.19	.143	10000	.055
81-GJM1555C1H2R7CB01	GJM1555C1H2R7CB01D	2.7	50	.10	.047	10000	.011
81-GJM1555C1H3R0BB01	GJM1555C1H3R0BB01D	3.0	50	.19	.143	10000	.055
81-GJM1555C1H3R0CB01	GJM1555C1H3R0CB01D	3.0	50	.10	.047	10000	.011
81-GJM1555C1H3R3BB01	GJM1555C1H3R3BB01D	3.3	50	.19	.143	10000	.055
81-GJM1555C1H3R3CB01	GJM1555C1H3R3CB01D	3.3	50	.10	.047	10000	.011
81-GJM1555C1H3R6BB01	GJM1555C1H3R6BB01D	3.6	50	.19	.143	10000	.055
81-GJM1555C1H3R6CB01	GJM1555C1H3R6CB01D	3.6	50	.10	.047	10000	.011
81-GJM1555C1H3R9BB01	GJM1555C1H3R9BB01D	3.9	50	.19	.143	10000	.055
81-GJM1555C1H3R9CB01	GJM1555C1H3R9CB01D	3.9	50	.10	.047	10000	.011
81-GJM1555C1H4R0BB01	GJM1555C1H4R0BB01D	4.0	50	.19	.143	10000	.055
81-GJM1555C1H4R3BB01	GJM1555C1H4R3BB01D	4.3	50	.19	.143	10000	.055
81-GJM1555C1H4R3CB01	GJM1555C1H4R3CB01D	4.3	50	.10	.047	10000	.011
81-GJM1555C1H4R7BB01	GJM1555C1H4R7BB01D	4.7	50	.19	.143	10000	.055
81-GJM1555C1H4R7CB01	GJM1555C1H4R7CB01D	4.7	50	.10	.047	10000	.011
81-GJM1555C1H5R0BB01	GJM1555C1H5R0BB01D	5.0	50	.19	.143	10000	.055
81-GJM1555C1H5R1CB01	GJM1555C1H5R1CB01D	5.1	50	.10	.047	10000	.011
81-GJM1555C1H5R6CB01	GJM1555C1H5R6CB01D	5.6	50	.10	.047	10000	.011
81-GJM1555C1H5R6BB1D	GJM1555C1H5R6BB01D	5.6	50	.19	.143	10000	.055
81-GJM1555C1H5R6DB1D	GJM1555C1H5R6DB01D	5.6	50	.10	.047	10000	.011
81-GJM1555C1H6R0CB01	GJM1555C1H6R0CB01D	6.0	50	.10	.047	10000	.011
81-GJM1555C1H6R2CB01	GJM1555C1H6R2CB01D	6.2	50	.10	.047	10000	.011
81-GJM1555C1H6R2DB01	GJM1555C1H6R2DB01D	6.2	50	.10	.047	10000	.011
81-GJM1555C1H6R8CB01	GJM1555C1H6R8CB01D	6.8	50	.10	.047	10000	.011
81-GJM1555C1H7R0CB01	GJM1555C1H7R0CB01D	7.0	50	.10	.047	10000	.011
81-GJM1555C1H7R5CB01	GJM1555C1H7R5CB01D	7.5	50	.10	.047	10000	.011
81-GJM1555C1H7R6CB01	GJM1555C1H7R6CB01D	7.6	50	.10	.047	10000	.011
81-GJM1555C1H7R8CB01	GJM1555C1H7R8CB01D	7.8	50	.10	.047	10000	.011
81-GJM1555C1H8R0CB01	GJM1555C1H8R0CB01D	8.0	50	.10	.047	10000	.011
81-GJM1555C1H8R2CB01	GJM1555C1H8R2CB01D	8.2	50	.10	.047	10000	.011
81-GJM1555C1H8R2BB1D	GJM1555C1H8R2BB01D	8.2	50	.19	.143	10000	.055
81-GJM1555C1H8R6CB01	GJM1555C1H8R6CB01D	8.6	50	.10	.047	10000	.011
81-GJM1555C1H9R0CB01	GJM1555C1H9R0CB01D	9.0	50	.10	.047	10000	.011
81-GJM1555C1H9R1CB01	GJM1555C1H9R1CB01D	9.1	50	.10	.047	10000	.011
81-GJM1555C1H100FB01	GJM1555C1H100FB01D	10	50	.19	.143	10000	.055
81-GJM1555C1H100JB01	GJM1555C1H100JB01D	10	50	.10	.047	10000	.011
81-GJM1555C1H110GB01	GJM1555C1H110GB01D	11	50	.19	.143	10000	.055
81-GJM1555C1H120GB01	GJM1555C1H120GB01D	12	50	.19	.143	10000	.055
81-GJM1555C1H120JB1D	GJM1555C1H120JB01D	12	50	.10	.047	10000	.011
81-GJM1555C1H150GB01	GJM1555C1H150GB01D	15	50	.19	.143	10000	.055
81-GJM1555C1H150JB1D	GJM1555C1H150JB01D	15	50	.10	.047	10000	.011
81-GJM1555C1H180GB01	GJM1555C1H180GB01D	18	50	.19	.143	10000	.055
81-GJM1555C1H180JB01	GJM1555C1H180JB01D	18	50	.10	.047	10000	.011
81-GJM1555C1H200GB01	GJM1555C1H200GB01D	20	50	.19	.143	10000	.055
81-GJM1555C1H200JB1D	GJM1555C1H200JB01D	20	50	.10	.047	10000	.011